

## WEST Search History

DATE: Tuesday, February 27, 2007

| <u>Hide?</u>   | <u>Set Name</u> | <u>Query</u>   | <u>Hit Count</u>  |
|--|-----------------|--|---|
| <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> |                 |  |   |
| <input type="checkbox"/>                                       | L13             | L12 and (carbon near2 (black or active))   | 597   |
| <input type="checkbox"/>                                       | L12             | L11 not l1   | 6816  |
| <input type="checkbox"/>                                       | L11             | L10 with (load or load\$3)<br><br>((carbon or carbonaceous) near2 powder or particle or particulate) with (copper or Cu or nickel or Ni or zinc or Zn or manganese or Mn or aluminum or Al or silicon or Si or potassium or K or magnesium or Mg or hafnium or Hf or niobium or Nb or tantalum or Ta or W or tungsten or silver or Ag or cobalt or Co or molybdenum or Mo or vanadium or V or barium or Ba or cesium or Cs or Rb or rubidium or strontium or Sr or sodium or Na) | 7631  |
| <input type="checkbox"/>                                       | L10             | L10<br><br>L9<br><br>L8<br><br>L7<br><br>L6<br><br>L5<br><br>L4<br><br>L3<br><br>L2<br><br>L1  | 545903<br><br>105<br><br>25<br><br>124<br><br>99<br><br>31<br><br>151<br><br>120<br><br>711<br><br>5564 |
|  |                 |  |   |

END OF SEARCH HISTORY

## Refine Search

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### Search Results -

| Term   | Documents |
|--|-----------|
| CARBON   | 1690023   |
| CARBONS  | 113982    |
| BLACK  | 704198    |
| BLACKS   | 16078     |
| ACTIVE   | 1961790   |
| ACTIVES  | 12545     |
| (12 AND (CARBON NEAR2 (BLACK OR ACTIVE))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.  | 597       |
| (L12 AND (CARBON NEAR2 (BLACK OR ACTIVE))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 597       |

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**Database:**
 US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins
**Search:**

|  |  |  |
|--|--|--|
| L13  |  |  |
| <input style="border: 1px solid black; padding: 2px 10px;" type="button" value="Refine Search"/> |  |  |

Recall Text

Clear

Interrupt

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### Search History

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**DATE: Tuesday, February 27, 2007**    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

| <u>Set</u><br><u>Name</u> <u>Query</u>                  | <u>Hit</u><br><u>Count</u> | <u>Set</u><br><u>Name</u> |
|---|----------------------------|---------------------------|
| side by side  |                            | result set                |
| DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ |                            |                           |
| <u>L13</u> L12 and (carbon near2 (black or active))     | 597                        | <u>L13</u>                |
| <u>L12</u> L11 not 11                                   | 6816                       | <u>L12</u>                |
| <u>L11</u> L10 with (load or load\$3)                   | 7631                       | <u>L11</u>                |

|            |   |        |            |
|------------|---|--------|------------|
|            | ((carbon or carbonaceous) near2 powder or particle or particulate) with (copper or Cu or nickel or Ni or zinc or Zn or manganese or Mn or aluminum or Al or silicon or Si or potassium or K or magnesium or Mg or hafnium or Hf or niobium or Nb or tantalum or Ta or W or tungsten or silver or Ag or cobalt or Co or molybdenum or Mo or vanadium or V or barium or Ba or cesium or Cs or Rb or rubidium or strontium or Sr or sodium or Na)  | 545903 | <u>L10</u> |
| <u>L10</u> |   |        |            |
| <u>L9</u>  | L7 not l4   | 105    | <u>L9</u>  |
| <u>L8</u>  | L7 not l6   | 25     | <u>L8</u>  |
| <u>L7</u>  | L2 same (carbon near2 (black or active))  | 124    | <u>L7</u>  |
| <u>L6</u>  | L2 with (carbon near2 (black or active))  | 99     | <u>L6</u>  |
| <u>L5</u>  | L4 not l3   | 31     | <u>L5</u>  |
| <u>L4</u>  | L1 same ((carbon or carbonaceous) near2 powder)   | 151    | <u>L4</u>  |
| <u>L3</u>  | L1 with ((carbon or carbonaceous) near2 powder)   | 120    | <u>L3</u>  |
| <u>L2</u>  | L1 with ((carbon or carbonaceous) near2 powder or particle or particulate)<br>(carbon or carbonaceous) with (load or load\$3) with (copper or Cu or nickel or Ni or zinc or Zn or manganese or Mn or aluminum or Al or silicon or Si or potassium or K or magnesium or Mg or hafnium or Hf or niobium or Nb or tantalum or Ta or W or tungsten or silver or Ag or cobalt or Co or molybdenum or Mo or vanadium or V or barium or Ba or cesium or Cs or Rb or rubidium or strontium or Sr or sodium or Na) | 711    | <u>L2</u>  |
| <u>L1</u>  |   | 5564   | <u>L1</u>  |

END OF SEARCH HISTORY

## Refine Search

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### Search Results -

| Term   | Documents |
|--|-----------|
| (7 NOT 4).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.    | 105       |
| (L7 NOT L4 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 105       |

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US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
**Database:** EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

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### Search History

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SetName Queryside by  
side

|              |             |
|--------------|-------------|
| <u>Hit</u>   | <u>Set</u>  |
| <u>Count</u> | <u>Name</u> |
| result       | set         |

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

|    |           |     |    |
|----|-----------|-----|----|
| L9 | L7 not l4 | 105 | L9 |
|----|-----------|-----|----|

|    |           |    |    |
|----|-----------|----|----|
| L8 | L7 not l6 | 25 | L8 |
|----|-----------|----|----|

|    |  |     |    |
|----|--|-----|----|
| L7 | L2 same (carbon near2 (black or active)) | 124 | L7 |
|----|--|-----|----|

|    |  |    |    |
|----|--|----|----|
| L6 | L2 with (carbon near2 (black or active)) | 99 | L6 |
|----|--|----|----|

|    |           |    |    |
|----|-----------|----|----|
| L5 | L4 not l3 | 31 | L5 |
|----|-----------|----|----|

|    |   |     |    |
|----|---|-----|----|
| L4 | L1 same ((carbon or carbonaceous) near2 powder) | 151 | L4 |
|----|---|-----|----|

|    |   |     |    |
|----|---|-----|----|
| L3 | L1 with ((carbon or carbonaceous) near2 powder) | 120 | L3 |
|----|---|-----|----|

|    |  |     |    |
|----|--|-----|----|
| L2 | L1 with ((carbon or carbonaceous) near2 powder or particle or particulate) | 711 | L2 |
|----|--|-----|----|

|    |  |      |    |
|----|--|------|----|
| L1 | (carbon or carbonaceous) with (load or load\$3) with (copper or Cu or nickel or Ni or zinc or Zn or manganese or Mn or aluminum or Al or silicon or Si or potassium or K or magnesium or Mg or hafnium or Hf or niobium or Nb or tantalum or Ta or W or tungsten or silver or Ag or cobalt or Co or molybdenum | 5564 | L1 |
|----|--|------|----|